

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

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Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:00 PM except April, June, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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If you need him get in there and work him"



**2020
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From the Desk of the President

Scott Orr, W6MKO

Greetings,

I will start with some sad news, due to the fact we do not know where this nasty COVID is going to take us, the Board decided to cancel the Christmas/Hanukah party and moved it to 2021. Several of the Board Members cleaned out the storage area at WEMS of all of the Club's property and equipment. I would like to personally thank Mel (K6SY) for allowing the Club to have our monthly meetings and other gatherings at WEMS. I know that it meant a lot to the members, so if you see Mel remember to thank him.

On a happier note, the club now has a weekly net on the club repeater (W6AM) on Tuesdays at 2000 local time. Please mark it on your calendar and check in. We are also going to have a Club meeting on August 8, 2020 at 0900 via Skype. If you don't use Skype never fear, I will be sending out an email to all members with a link to join through your internet browser.

To get a jump on things, start looking for your nominees for the DXer of the year Award and the Clipperton Award, we will be opening it up in a few months. I know a lot of you are itching to be on the Board and want to throw your hat in the ring, this is your chance. We are looking for members who would like to serve and I know that Doug (W6HB) would like someone to take his spot and I will be a past President on the Board but will only attend board meetings and a few Club meetings. I'm moving to Tennessee where I bought a farm, unbeknownst to my wife, it's an antenna farm. If you haven't been on the Board, here is your chance to serve your fellow Club members, it is a great experience.

With that, I hope everyone is healthy and staying safe. See you on the 8th.

73,

Scott Orr, W6MKO

President, Southern California DX Club

August Calendar

August	1	European HF Championship
August	1	NAQP CW
August	9	No Regular Meeting
August	8	WAE DX Contest CW
August	15	CVA DX Contest CW
August	18	CQ Worldwide VHF Contest
August	29	World Wide Digi DX Contest
August	29	YO DX HF Contest
August	29	SARL HF CW Contest

For more contest Info see: <http://www.hornucopia.com/contestcal/contestcal.html>

VP August 2020 Blurb

Doug - W6HB

Our President Scott, W6MKO, is back from a mega-road trip and will convene an inaugural SCDXC Skype meeting at 0900 on August 8. I defer to him to provide more details. Please email Scott with your ideas and to pitch an inaugural program.

The club started a weekly SCDXC Net meeting Tuesday, July 21 at 2000 local time on the W6AM repeater. Attendance was very light with me as the initial moderator, seven members and three guests. Here's hoping more members will elect to spend time with friends moving forward. Moderators as of now will move around the BOD with someone different each Tuesday night.

Your club is still in need of a lead and team to take on the administering of the "Edgar Ward Brown, N6OU, Award Program." Please contact Scott, W6MKO, if you are interested. This is NOT a scholarship but a means to offset entry level costs for serious, worthy, prospective young hams.

A work party comprised of Scott, W6MKO, Bill, N6MXU, Mel, K6SY, and yours truly removed all the club's assets from WEMS. The chairs were donated to new homes and Scott, Bill and Kris, KC6TOD, will be stowing other goods.

As the Reef is unlikely to be cleared for Stage 3 or 4 venues your BOD voted to scrub the 2020 Christmas / Chanukah party with the deposit to be rolled over to 2021.

Here's hoping all are well and staying sane during the COVID-19 merry-go-round. Hope to catch you on the net and HF...

73 and Good DXing!
Doug Dowds
W6HB

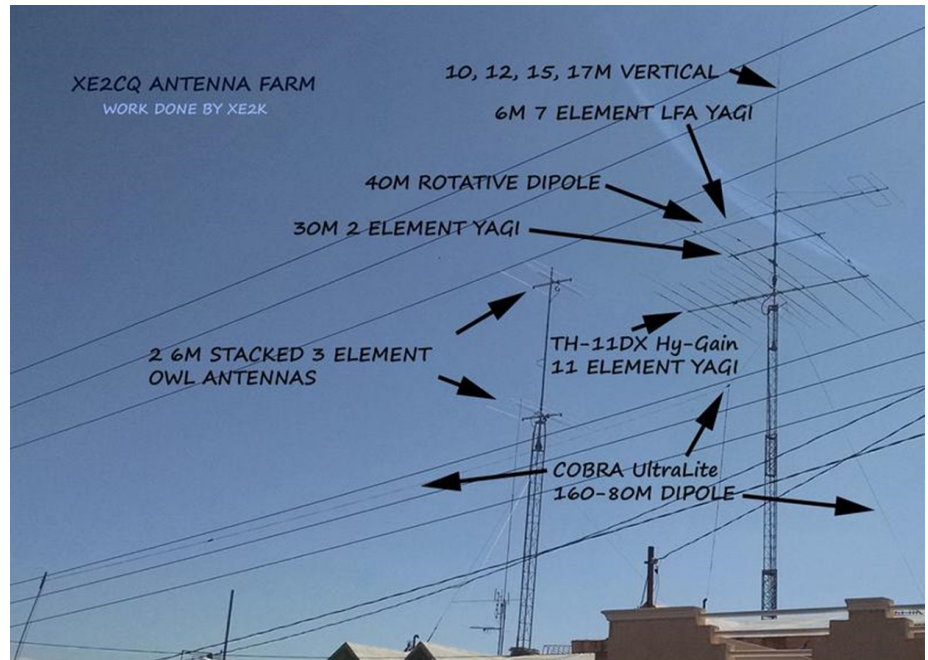


Rumors on the Band

Again the New World Order has thrown a wet blanket on DXpeditions. Do you know that the number of infections reported are actually the number of positive tests. One person was tested positive 15 times. Furthermore death certificate forms have been changed to assure that anyone who passes with COVID-19 is counted as a COVID death and hospitals are financially incentivized to report them as such. In spite of that the number of deaths worldwide is less only 600,000, the amount normally seen during flu season. Note that the number of deaths worldwide during the Spanish Influenza was 50 million and 500,000 in the US. We are nowhere near that at this point. Hopefully this will end right after the election...

ClubLog Top 50 Most Wanted Entities

1. P5 DPRK (NORTH KOREA)
2. 3Y/B BOUVET ISLAND
3. FT5/W CROZET ISLAND
4. BS7H SCARBOROUGH REEF
5. CE0X SAN FELIX ISLANDS
6. BV9P PRATAS ISLAND
7. KH7K KURE ISLAND
8. KH3 JOHNSTON ISLAND
9. 3Y/P PETER 1 ISLAND
10. FT5/X KERGUELEN ISLAND
11. FT/G GLORIOSO ISLAND
12. VK0M MACQUARIE ISLAND
13. YV0 AVES ISLAND
14. KH4 MIDWAY ISLAND
15. ZS8 PRINCE EDWARD & MARION ISLANDS
16. PY0S SAINT PETER AND PAUL ROCKS
17. PY0T TRINDADE & MARTIM VAZ ISLANDS
18. KP5 DESECHEO ISLAND
19. SV/A MOUNT ATHOS
20. VP8S SOUTH SANDWICH ISLANDS
21. KH5 PALMYRA & JARVIS ISLANDS
22. JD/M MINAMI TORISHIMA
23. EZ TURKMENISTAN
24. ZL9 NEW ZEALAND SUBANTARCTIC ISLANDS
25. YK SYRIA
26. FK/C CHESTERFIELD IS.
27. VK0H HEARD ISLAND
28. ZL8 KERMADEC ISLAND
29. FT/T TROMELIN ISLAND
30. KH1 BAKER HOWLAND ISLANDS
31. KH8/S SWAINS ISLAND
32. XF4 REVILLAGIGEDO
33. VP8G SOUTH GEORGIA ISLAND
34. KH9 WAKE ISLAND
35. T33 BANABA ISLAND
36. VK9M MELLISH REEF
37. 4U1UN UNITED NATIONS HQ
38. T31 CENTRAL KIRIBATI
39. TI9 COCOS ISLAND
40. VK9W WILLIS ISLAND
41. 3D2/C CONWAY REEF
42. FT/J JUAN DE NOVA, EUROPA
43. FO/C CLIPPERTON ISLAND
44. VP8O SOUTH ORKNEY ISLANDS
45. HK0/M MALPELO ISLAND
46. KP1 NAVASSA ISLAND
47. 7O YEMEN
48. ZD9 TRISTAN DA CUNHA & GOUGH ISLANDS
49. H40 TEMOTU PROVINCE
50. FT5Z AMSTERDAM & ST PAUL ISLANDS



DX Standings

Bill, N6WS submitted an update to his WAZ and non-DXCC standings (Bill is only an associate member). Bill, WA5VGI, also submitted his DXCC and WAZ update. Are only the central coast members active. Now that we cannot go out to conventions and social engagements we should be on the air more... eh? Oops! There are many members on the air. The Get Schroeder standings have been increasing month to month! Sorry about that! I was going to delete the social engagement comment but nobody reads the newsletter anyways. If you happen to and see this comment let me know!

We forgot to mention that Bill N6WS worked SV9CVY on 6 meter SSB last month and N6CA worked SM6CVY on 6 meter CW. They reminded the editor of this omission.... several times like howling banshees!

Send any updates to:

N6RV@SCDXC.org

SCDXC WAZ and DXCC Standings

The first WAZ column is the confirmed zone count on 10 bands 160 - 6 (less 60 meters). The second column is the regular 5BWAZ confirmed count. The following are the codes that follow the two columns and indicate the awards:

M Mixed
P Phone
C CW
R RTTY

SCDXC Lifetime Standings										WAZ Standings				
Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots	Rank	Call	11B	5B	Awards
1	W6KH	389	340		63	K6JW	329	323	1068	1	N0FW	418	200	M/P/C/R
2	K6KII	387	340		64	AA6PW	328	328	1709	2	WA5VGI	404	200	M/P/C/5
3	JA1BK	383	340	3147	65	N6AX	327	327	1198	3	K6ND	390	200	M/5
4	K6YRA	378	340	2272	66	AC6DX	322	320	1887	4	W6SR	382	200	M/P/C/5
5	OH2BH	377	340		67	N6NPG	319	319		5	K6FG	368	200	M/P/C/R/5
6	ON4UN	373	340	1975	68	K7MY	319	317	831	6	W8DX	357	200	M/5
7	N0FW	372	340	2978	69	AK6I	317	317		7	N6AW	355	200	M/P/C/5
8	N6UC	368	339		70	W1YL	315	315		8	K6YUI	353	200	M/P/C/R/5
9	DJ9ZB	365	340	2665	71	KC6T	314	314		9	K6YRA	337	200	P/5
10	K6YUI	366	340	2598	72	N6GP	314	292	1583	10	N6OU	220	200	
11	W6BCQ	365	339	1600	73	W6HB	311	311	1029	11	SM5GMZ	352	200	M/P/C/5
12	NS6C	361	340	2503	74	N6VNI	311	309	1550	12	N6WS	399	200	M/P/C/R
13	K6SMF	360	338		75	NK6A	303	297	957	13	W6VX	352	199	M/P/C
14	W6SR	359	340	2799	76	N6WT	299	299	1582	14	K6GXO	358	198	M
15	W6HT	358	340		77	K6IRD	298	292	649	15	W6ENZ	350	197	
16	K6FG	357	340	2774	78	ZL3TE	297	295	1430	16	K6RO	331	197	M/P/C
17	K8RD	357	340		79	N6DHZ	295	289	1053	17	N6HY	365	196	M/P/C
18	WA6WZO	357	339		80	N6UOZ	280	280		18	W6TK	341	195	
19	N6RV	356	339	2226	81	KT6LA	279	277	1035	19	A16Z	321	194	
20	W6OU	356	337	1599	82	WA6WDX	274	220		20	N6MXU	155	193	
21	K6GXO	355	340	2633	83	K6RI	262	262	683	21	NS6C	342	192	
22	K5KT	355	340		84	K6VC	259	225		22	N6RV	353	190	M/P/C/R/5
23	W6TJI	355	338		85	K6SS	255	225	882	23	KR6C	333	188	M/P/C/R/5
24	K6IPV	355	335	1800	86	W3SE	249	244	754	24	N6PE	331	186	
25	N6QQ	354	338	2178	87	W6DOE	244	244	1005	25	KC6X	320	189	
26	W6IRD	354	338		88	KQ6K	243	243		26	N6QQ	337	187	
27	W8DX	352	339	2517	89	N6VOH	243	222		27	KM6HB	316	186	
28	N6WS	351	339	2407	90	W6LEN	236	236	771	28	W6DR	325	185	
29	W6RW	351	337	1991	91	K6JEY	234	234		29	AC6DX	321	185	
30	W6TK	350	340	1945	92	N6HE	233	225	642	30	W6YOO	308	185	
31	W6YOO	350	340	2130	93	N6AA	222	222		31	N6GP	304	184	
32	KC6X	350	339	2081	94	W6WVW	220	220	691	32	W6OU	300	185	
33	N6HK	350	340		95	K6AWB	219	219		33	K7ACZ	308	183	
34	N7NR	350	329	1127	96	N6PM	219	219	1030	34	K4ST	278	182	
35	W6FL	350	336	1380	97	K6DDJ	214	211	551	35	ZL3TE	298	181	
36	W6KK	349	340	1864	98	NE6V	213	213	663	36	AA6PW	291	181	
37	W6ENZ	349	339	2383	99	W6KC	203	202	589	37	N6VNI	299	178	
38	W6VX	349	339	2772	100	W0PE	201	201		38	K6SY	261	178	
39	N6HC	349	340	2319	101	W6JEA	195	195		39	K6KII	191	177	
40	KJ6Y	348	340	1312	102	N6LL	169	169		40	KT6LA	233	173	
41	WA5VGI	348	340	2737	103	KF6I	166	166		41	K0OK	286	173	
42	K6ND	348	339	2562	104	K7LA	160	160	365	42	K6SY	261	178	
43	N6IC	347	337		105	W6EA	152	152		43	W6ZPL	237	173	
44	SM5GMZ	346	335	2379	106	W6QE	149	149	224	44	KJ6Y	261	172	
45	KR6C	345	339	2074	107	N6DBF	142	142	374	45	N6WT	326	169	
46	N6HY	345	337	2424	108	AB9A	141	141		46	N6DHZ	253	168	
47	K6RO	346	338	2256	109	KI6RRD	139	138	376	47	N6PM	290	157	
48	K6LPO	344	331	1236	110	N6CA	133	133		48	NK6A	217	156	
49	N6PEQ	343	337	1941	111	N6RU	129	128	279	49	W6KC	161	153	
50	KM6HB	343	336	1933	112	K6MKL	126	126	185	50	W6FL	256	149	
51	N6PE	343	331	1941	113	K6DSW	122	122	268	51	NE6V	213	142	
52	A16Z	342	335	2174	114	KC6TOD	120	120		52	K7MY	227	141	
53	K7ACZ	341	337	1756	115	W6MKO	110	0	0	53	N6HE	195	134	
54	N6MXU	341	331	1416	116	K9TAD	109	109	137	54	KB6CIO	205	132	
55	N6XT	339	332	1413	117	KA6D	107	107		55	K6DDJ	182	132	
56	W6SW	339	331	540	118	K6BBC	103	103		56	KB6CIO	205	132	
57	W6ZPL	338	335	1367	119	NQ6L	101	101		57	K6IRD	154	126	M/P
58	K4ST	337	333	1843	120	K6SBA	100	100		58	W6SW	149	119	
59	K2IXQ	337	332	1746	121	N6YQ	100	100		59	N6DBF	179	118	
60	K6SY	335	329	1070	122	WA6MEM	100	100		60	KI6RRD	181	113	
61	W6DR	331	326	1431	123	N6RRY	100	70	125	61	K6RI	172	112	
62	K6QU	330	324	1435						62	W3SE	102	112	
										63	W6IRD	151	111	M/P
										64	W6MKO	145	96	
										65	K6VC	96	96	M/P
										66	N6RU	132	96	
										67	K0XP	124	88	
										68	W6EA	92	86	
										69	KE6PLA	123	81	
										70	N6UC	78	78	M
										71	K6QU	105	69	
										72	KA6TTV	82	67	
										73	N6RRY	76	65	
										74	K9TAD	64	57	
										75	KJ6UVQ	69	52	
										76	K6JW	40	40	M/P
										77	N6HK	40	40	M
										78	W6DOE	37	37	
										79	W6LEN	33	27	
										80	K6FOD	17	13	
										81	N6HC	17	13	M/P/C
										82	KB6TKV	17	13	P
										83	K8RD	17	13	C

2020 Get Schroeder Contest

1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0
1S	4U1ITU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
3B8	4X	8R	A7	CT	EA9	FO/A	GW	IS0	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2
3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4
3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7
3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8
3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9
3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF
3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZK3
3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL
3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7
3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8
3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9
4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP
4L	7O	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS
4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8

Chart Legend	
White / Green	Entity Worked This Year by a Member
Black / White	Very Active Entity Not Yet Worked
Black / Blue	Entity with Announced DXpedition
Black / Yellow	Rarely Active Entity Not Yet Worked
Black / Red	Inactive Entity
	Deleted Entity

July carried on it's tradition, little DX and little on 6 meters.

It is good to see that many members have improved their annual standings. It gets tougher through the summer months and if most of the DX has already been worked in prior months.

Peter, N0FW still leads the pack with 245 entities. Congratulations to all the members who worked DXCC this year. It is good to see people are still active and participating in this great hobby.

2020 Get Schroeder Leaders									
2020 Total Entities Worked by July									258
2019 Total Entities Worked									278
2020 Entities Worked by SCDXC									251
2020 Entities Worked by SCDXC Members in SoCal									239
2019 SCDXC Entities Worked by July									251
2020 ClubLog Leaders Worked by July									253
2019 ClubLog Leaders Entities Worked by July									268
2019 SCDXC Members									273
2019 SCDXC Leader (N6WT)									251
2019 ClubLog Leaders									285
Rank	Call	Entities	Lat Mo.	Last Yr	Leader	-Tot	-Q	Uniques	
									17
1	N0FW	245	4	-24	16	6	-47	11	
2	N6WT	229	2	-22	0	22	-31	0	
3	N6WS	218	1	-28	-11	33	-20	0	
4	K6RO	217	2	-2	-12	34	-19	0	
5	W6TK	214	0	-32	-15	37	-16	0	
6	N6QQ	198	13	-42	-31	53	0	1	
7	N6RV	195	4	-45	-34	56	3	0	
8	W6OU	189	2	-44	-40	62	9	0	
9	SM5GMZ	157	6	-50	-72	94	41	1	
10	WA5VGI	154	2	-60	-75	97	44	0	
11	NS6C	154	7	-33	-75	97	44	0	
12	N6PM	153	7	-19	-76	98	45	0	
13	A1GZ	140	6	-35	-89	111	58	0	
14	N6VNI	132	3	54	-97	119	66	1	
15	K6QU	125	11	-70	-104	126	73	0	
16	N6DHZ	125	4	-15	-104	126	73	0	
17	ZL3TE	117	7	9	-112	134	81	0	
18	N6GP	113	9	-46	-116	138	85	0	
19	K6FG	112	8	-41	-117	139	86	0	
20	NK6A	105	16	6	-124	146	93	0	
21	K6RI	102	0	-73	-127	149	0	0	
22	K6SY	100	38	-36	-129	151	98	1	

SCDXC Get Schroeder Standings 2020																			
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots					
1	N0FW	109	129	114	113	144	177	148	##	70	76	74	245	1279	24				
2	N6WT	12	67	25	132	121	190	101	53	14	15	19	229	749	6				
3	N6WS	14	60	51	129	119	163	90	49	36	22	45	218	778	56				
4	K6RO	14	50	39	137	77	198	162	81	41	37	25	217	861	32				
5	W6TK	14	80	38	135	106	193	137	98	34	37	2	214	874	63				
6	N6QQ	12	34	1	137	118	173	117	78	38	41	29	198	778	63				
7	N6RV	0	1	5	131	50	152	51	61	6	7	43	195	507	52				
8	W6OU	4	14	0	42	11	122	37	13	7	4	3	189	257	57				
9	SM5GMZ	50	65	61	77	26	123	46	34	21	16	0	157	519	51				
10	WA5VGI	44	12	53	56	16	120	55	19	4	27	154	410	36					
11	NS6C	21	16	0	34	15	125	21	5	3	0	18	154	258	63				
12	N6PM	34	19	9	43	70	85	64	16	21	24	0	153	385	26				
13	A1GZ	0	0	0	67	0	125	0	26	0	8	0	140	226	27				
14	N6VNI	11	2	0	54	15	111	31	6	0	0	0	132	230	31				
15	K6QU	0	13	0	36	28	88	71	36	23	28	10	125	333	6				
16	N6DHZ	0	25	0	63	9	105	16	25	2	5	0	125	250	32				
17	ZL3TE	0	8	4	69	48	39	30	91	12	14	1	117	316	16				
18	N6GP	0	39	0	44	2	101	2	28	0	29	5	113	250	31				
19	K6FG	13	22	0	60	12	81	36	2	0	2	35	112	263	64				
20	NK6A	0	5	0	33	0	102	0	50	0	2	1	105	193	75				
21	K6RI	0	0	1	34	36	31	21	8	3	0	5	102	139	7				
22	K6SY	0	20	0	57	8	66	17	4	0	0	0	100	172	51				
23	K7MY	0	8	0	40	1	67	2	37	0	2	0	86	157	43				
24	W8DX	0	0	0	10	0	78	0	17	0	0	0	83	105	63				
25	W6KC	2	29	0	49	2	66	3	34	0	0	1	80	186	60				
26	W6DJU	0	0	0	34	0	69	7	2	0	1	4	79	117	7				
27	W6NZ	27	8	0	14	22	34	26	6	2	0	11	70	150	53				
28	W6SR	0	5	0	25	1	56	4	13	8	2	7	65	121	53				
29	N6HY	0	3	0	4	2	64	13	1	1	2	3	65	93	67				
30	K6RC	1	0	0	33	4	31	3	3	0	0	0	55	75	42				
31	K6JW	0	4	0	7	0	42	10	7	0	0	2	52	72	61				
32	W6DR	33	6	0	15	2	16	0	6	0	0	2	51	80	40				
33	K0XP	37	11	0	6	1	3	1	4	0	0	0	46	63	2				
34	K6YUI	1	0	0	4	5	15	2	1	0	0	1	19	29	63				
35	K6FOD	2	6	0	5	2	3	6	2	0	0	0	16	26	2				
33	K9TAD	0	0	0	3	0	5	0	0	0	0	0	7	8	13				
34	W6SW	0	0	0	1	0	5	0	0	0	0	0	5	6	41				
35	K6FI	1	1	0	2	0	4	0	3	0	0	0	4	11	16				
36	W6MKO	0	0	0	2	0	2	0	0	0	0	0	4	4	3				

SCDXC Worked Not ClubLog

E6 FT5Z J5 ST TJ

ClubLog Worked Not SCDXC

8R TY VP6/D Z2
T2 VK9L VP8/H

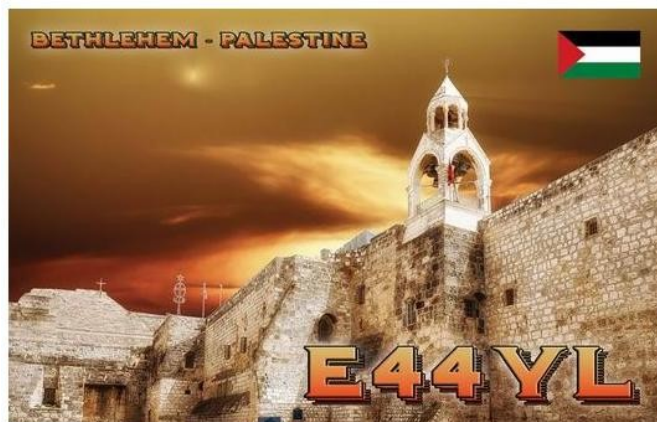


Fellowship of the Schroed
All are Welcome!

2020 Get Schroeder Contest

As expected the increase in slots slowed this month. We might get a few more opportunities on 6 meters. Typically these are entities already worked this year.

August is a slow month. In September things start picking up.



2020 SCDXC Slot Leaders			160M SCDXC Standings			6M SCDXC Standings		
Rank	Call	Slots	Rank	Call	DX	Rank	Call	DX
1	N0FW	1279	1	N0FW	109	1	N0FW	74
2	W6TK	874	2	SM5GMZ	50	2	N6WS	45
3	K6RO	861	3	WA5VGI	44	3	N6RV	43
4	N6WS	778	4	K0XP	37	4	N6CA	38
5	N6QQ	778	5	N6PM	34	5	K6FG	35
6	N6WT	749	6	W6DR	33	6	N6QQ	29
7	SM5GMZ	519	7	W6ENZ	27	7	WA5VGI	27
8	N6RV	507	8	NS6C	21	8	K6RO	25
9	WA5VGI	410	9	N6WS	14	9	N6WT	19
10	N6PM	385	10	K6RO	14	10	NS6C	18
11	K6QU	333	11	W6TK	14	11	W6ENZ	11
12	ZL3TE	316	12	K6FG	13	12	K6QU	10
13	K6FG	263	13	N6QQ	12	13	W6SR	7
14	NS6C	258	14	N6WT	12	14	N6GP	5
15	W6OU	257	15	N6VNI	11	15	K6RI	5
16	N6DHz	250	16	W6OU	4	16	WB6DJI	4
17	N6GP	250	17	W6KC	2	17	W6OU	3
18	N6VNI	230	18	K6FOD	2	18	N6HY	3
19	AI6Z	226	19	K6YUI	1	19	W6TK	2
20	NK6A	193	20	KR6C	1	20	W6DR	2
21	W6KC	186	21	KF6I	1	21	K6JW	2
22	K6SY	172				22	ZL3TE	1
23	K7MY	157				23	NK6A	1
24	W6ENZ	150				24	W6KC	1
25	K6RI	139				24	K6YUI	1
26	W6SR	121						
27	WB6DJI	117						
28	W8DX	105						
29	N6HY	93						
30	W6DR	80						
31	KR6C	75						
32	K6JW	72						
33	K0XP	63						
34	K6YUI	29						
35	K6FOD	26						
36	KF6I	11						
37	K9TAD	8						
38	W6SW	6						
39	W6M KO	4						

Six Meters

This spring's sporadic E season yielded some of the best openings ever witnessed by west coast stations. To the right is the listing of entities worked and who worked them. Note that Bill, N6WS nearly worked half of a DXCC... in only a few months! Also note that Peter, N0FW has a distinct advantage (HIHI).

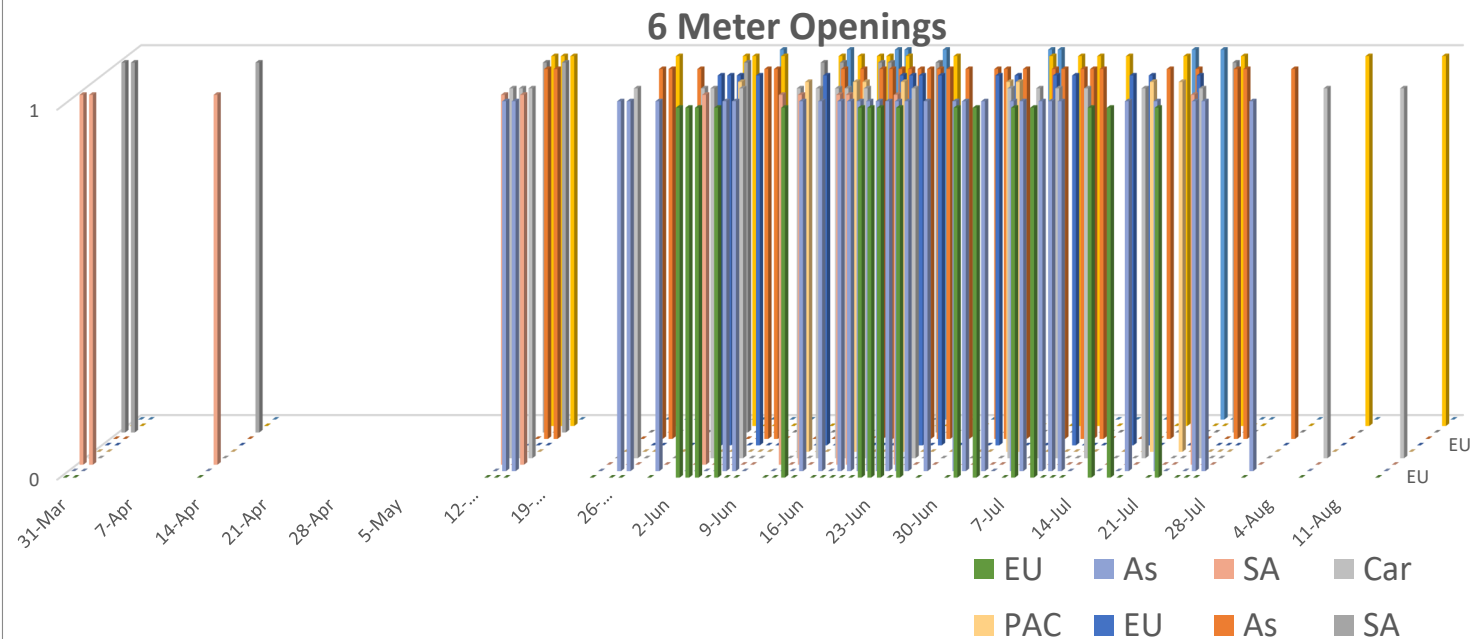
The chart below shows the times the band was open to the various regions. Note that EC stands for openings to the East Coast. It is a double hop as is most of the Caribbean, Central America, and Northern South America.

This season started off very slowly. In fact, if it were not for a few days the country count would be much lower. Of, course the June 22nd opening to Europe was the big one. There were a few big openings to Asia but Taiwan and the Philippines were absent! Furthermore only a few Chinese stations were active. There were several Korean stations. The longest opening ran about 4 hours. Likewise, the Caribbean openings were more than a few. The longest opening was the most absent. Locals copied CM2RSV and 9Y4S for hours. During other openings many stations were present including St. Lucia, Bonaire, Grenada and Barbados which never made it to Southern California. We did catch openings deep into South America, CE and LU in March and April during the Trans-equatorial season. Typically they are more represented later in the season which did not happen.

The only Pacific openings over the 4 years have been to Hawaii.

2020 6 Meter Openings by Time (UTC)										
	W. EU	N. Eu	E. Eu	Afr	Car	CA	S Am	OC	AS	EC
0000	GU					TI, YS	HC, HK, CE		JA, HL	X
0100					CO					X
0200										X
0300		OX								X
0400		OX								X
0500										X
0600										
0700										
0800										
0900										
1000										
1100										
1200										
1300										
1400	9A, DL, G, GM, I, SS, F, G, I, OE, SS, SP		LZ							X
1500		SM	HA		VP9					X
1600	CT1, CU, EA, G, GD, GI, GM, GW, I, OE			EA8						X
1700	DJ, GM, SS, OZ			EA8						X
1800	DL PA EI			EA8						X
1900	PA EI	OH, SM, JW		EA8					KH6	X
2000		OH, SM, TF, JW			CO, KP4	TG	PY		KH6	X
2100					CO, KP4		9Y, HK, YV		JA	X
2200				EA8	CO, KP4	TI, YS	9Y, PY, HK, HC		JA	X
2300	GU				CO, ZF	TG	HK, CE		JA, HL	X

6 Meters 2020														
	N0FW	N6WS	N6RV	N6CA	K6FG	N6QQ	WA5VGI	K6RO	N6WT	NS6C	W6ENZ	K6QU	Total	
	74	46	41	36	33	28	27	25	19	18	11	10	90	
40	1	0	0	0	0	0	1	0	0	0	0	0	1	
4U1UN	1	0	0	0	0	0	0	0	0	0	0	0	1	
8P	1	0	0	0	0	0	0	0	0	0	0	0	1	
9A	0	1	1	1	1	1	0	0	1	0	0	0	1	
9H	0	1	0	0	0	0	1	0	0	0	0	0	1	
9Y	1	0	0	0	0	1	0	0	0	0	0	0	1	
BY	0	1	1	1	0	1	1	0	0	1	0	0	1	
CE	1	1	1	0	0	1	0	1	0	0	0	0	1	
CO	1	1	1	0	1	0	0	1	0	1	1	0	1	
CT	1	1	0	0	1	1	1	1	1	0	0	0	1	
CU	1	0	0	0	0	0	0	0	0	0	0	0	1	
DL	1	1	1	1	1	1	1	1	0	0	0	0	1	
EA	1	1	1	0	1	0	1	1	0	1	0	0	1	
EA6	0	1	0	0	0	0	1	0	1	0	0	0	1	
EA8	1	0	1	1	1	0	0	1	0	0	0	0	1	
EI	1	1	1	1	1	1	0	1	0	1	0	0	1	
ES	1	0	0	0	0	0	0	0	0	0	0	0	1	
EY	0	0	0	0	0	0	1	0	0	0	0	0	1	
F	1	1	1	1	1	1	1	1	0	0	1	1	1	
FG	1	0	0	0	0	0	0	0	0	0	0	0	1	
FM	1	0	0	0	0	0	0	0	0	0	0	0	1	
G	1	1	1	1	1	1	1	0	0	0	0	0	1	
GD	1	1	1	1	0	1	0	1	1	0	0	0	1	
GI	0	1	1	1	0	0	0	0	0	0	0	0	1	
GM	1	1	1	1	1	1	0	1	1	0	0	0	1	
GU	0	0	0	0	0	0	0	0	0	1	0	0	1	
GW	1	1	1	1	0	1	0	1	1	0	0	0	1	
HA	1	1	1	1	0	1	0	0	1	0	0	0	1	
HB	0	1	0	0	1	1	1	0	0	0	0	0	1	
HC	1	1	1	1	1	0	1	1	1	1	1	0	1	
HH	0	0	0	0	1	0	0	0	0	0	0	0	1	
HI	1	1	0	0	1	0	0	0	0	0	0	0	1	
HK	1	1	1	0	1	1	1	0	0	0	0	0	1	
HL	1	1	1	1	0	1	1	1	1	1	0	1	1	
HP	1	1	0	0	0	0	0	0	1	0	1	0	1	
I	1	1	1	1	1	1	1	1	1	0	0	0	1	
IS0	0	0	0	0	1	0	0	0	0	0	0	0	1	
J3	1	0	0	0	0	0	0	0	0	0	0	0	1	
J6	1	1	0	0	1	0	0	0	0	1	0	0	1	
J7	1	0	0	0	0	0	0	0	0	0	0	0	1	
JA	1	1	1	1	1	1	1	1	1	1	1	1	1	
JW	1	1	1	1	0	0	0	0	0	0	0	0	1	
K	1	1	1	0	1	1	1	1	1	1	1	1	1	
KG4	1	0	0	0	0	0	0	0	0	0	0	0	1	
KH6	1	1	1	1	0	1	0	1	0	1	1	1	1	
KL7	1	1	1	1	0	0	0	0	0	0	0	0	1	
KP2	1	0	0	0	0	0	0	0	0	0	0	0	1	
KP4	1	0	1	1	1	1	0	0	0	0	0	0	1	
LA	1	0	0	0	0	0	0	0	0	0	0	0	1	
LU	1	0	0	0	0	0	0	0	0	0	0	0	1	
LY	1	0	0	0	0	0	1	0	0	0	0	0	1	
LZ	1	1	1	1	0	1	0	0	0	0	0	0	1	
OE	0	1	1	1	0	1	0	0	0	0	0	0	1	
OH	1	0	0	1	0	0	1	0	0	0	0	0	1	
OH0	1	0	0	0	0	0	0	0	0	0	0	0	1	
OK	1	0	0	1	0	0	0	0	0	0	0	0	1	
ON	1	0	1	0	1	0	0	0	0	0	0	0	1	
OX	0	1	0	0	0	0	0	0	0	0	0	0	1	
OZ	1	0	1	1	1	0	0	0	0	0	0	0	1	
P4	1	0	0	0	0	0	0	0	0	0	0	0	1	
PA	1	1	1	0	1	0	0	0	0	0	0	0	1	
PY	1	0	1	0	1	1	0	0	0	1	0	0	1	
PZ	1	0	0	0	0	0	0	0	0	0	0	0	1	
S0	1	0	0	0	0	0	0	0	0	0	0	0	1	
S5	1	1	1	1	1	1	1	1	1	1	0	0	1	
SM	1	0	1	1	0	0	0	0	0	0	0	0	1	
SP	1	1	1	1	0	0	1	0	1	0	0	0	1	
SV	1	0	0	1	0	0	0	0	0	0	0	0	1	
SV9	1	1	0	0	0	0	0	0	0	0	0	0	1	
TF	1	0	0	0	0	0	0	0	0	0	0	0	1	
TG	1	1	1	1	1	0	1	1	1	1	1	1	1	
TI	1	1	1	1	1	1	0	1	1	1	1	1	1	
TK	1	0	0	0	0	0	0	0	0	0	0	0	1	
UR	1	0	0	0	0	0	1	0	0	0	0	0	1	
V3	1	0	0	0	0	0	0	0	0	0	0	0	1	
VE	1	1	1	1	1	1	1	1	1	1	1	1	1	
VK	0	0	0	0	0	0	1	0	0	0	0	0	1	
VP2E	1	0	0	0	1	0	0	0	0	1	0	0	1	
VP9	1	1	1	1	1	0	0	1	0	0	0	0	1	
XE	1	1	1	1	1	1	1	1	1	1	1	1	1	
YL	1	0	0	0	0	0	1	0	0	0	0	0	1	
YO	0	1	0	0	0	0	0	0	0	0	0	0	1	
YS	1	0	1	0	0	0	0	0	0	0	0	0	1	
YT	0	1	0	1	0	0	0	0	0	0	0	0	1	
YV	1	0	0	0	0	0	0	0	0	0	0	0	1	
Z3	1	0	0	0	0	0	0	0	0	0	0	0	1	
ZB2	1	0	0	0	0	0	0	0	0	0	0	0	1	
ZF	1	1	1	1	1	1	0	1	0	1	0	1	1	
ZP	1	0	0	0	0	0	0	0	0	0	0	0	1	
ZS	0	0	0	0	0	0	1	0	0	0	0	0	1	



The charts on this page are the openings recorded over the last 4 years by date. Note that the majority of openings are around the summer solstice on June 20th. The March and April openings are the TE openings mentioned earlier.

For clarity the main chart was broken down into regions. Note the infrequent openings to Europe. Most have been very brief. OZ1DJJ worked 2 stations and JW7QIA worked 4 stations then they were gone. The rule of thumb is to be there. This takes persistence.

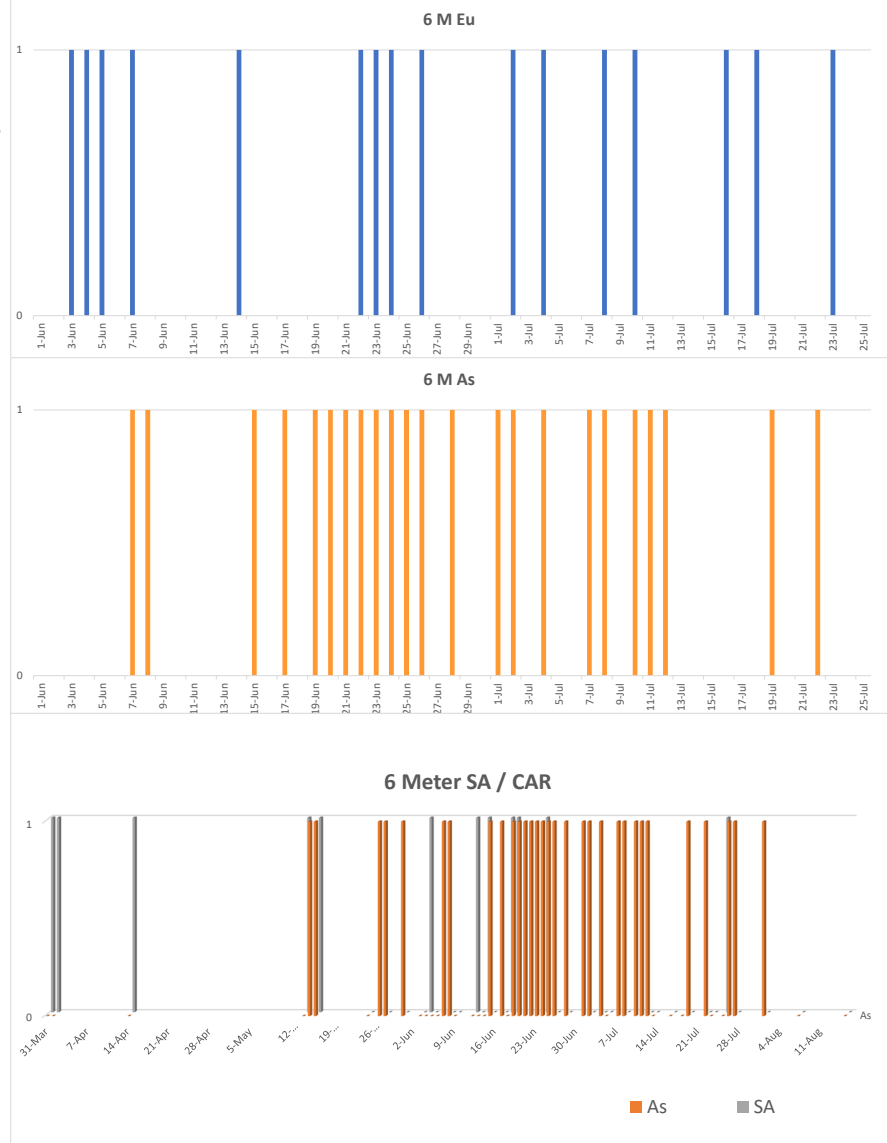
The Asian openings this year were by large short. We had two days, July 2nd and 12th, that were long and yielded many QSOs. This has been common over the 4 years.

The Caribbean and South American openings have been short but frequent. Again, the usual entities, CO, FG, HC, HK, KP2, PY, TG, TI, VP9, YV, YS, and ZF are available a lot.

When the solar cycle has its upswing we will have an opportunity to see if F2 assists sporadic E openings. This enhancement will probably happen early in the season. The later into the season absorption eliminates F2 propagation just like HF propagation.

Hopefully next year sporadic E propagation will continue. As word gets out there possibly will be more activity and countries.

Maybe next year we will begin looking into moon bounce!



30 Meter Dipole Project

Bill Shell, N6WS

I recently removed my SteppIR DB36 to put up a smaller lighter beam. I was considering several antennas that met the requirements of covering bands 40m thru 10m. The replacement beam I settled on was a JK Antennas 6BA-JK. It has 2-elements on 40m and 20m thru 10m. The only problem is it skips 30m.

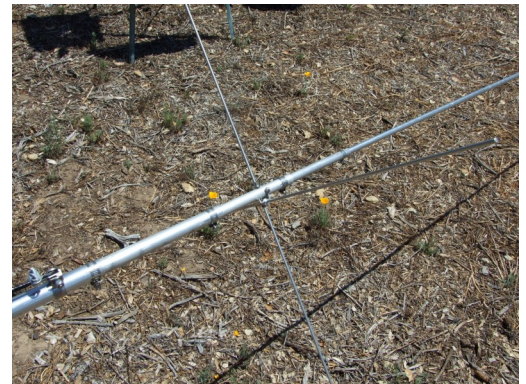
To cover 30m, I considered making a 30m/60m trap quarter-wave sloper or buying a 30m dipole or 2-element beam. But, then I remembered some of the antenna parts I had in my garage. In 1998 Cushcraft dropped their X9 tribander from production. When that happened, Ham Radio Outlet had a sale on the X9 40m kit (X940) for \$119. I had this wild idea about extending the boom and adding a second driven element to their XM240. So, I bought an XM240 and two of the X940 kits from HRO while they were on sale. The two driven elements would give me the bandwidth to cover the SSB and CW segments of 40m. I also considered adding a director, and make it a 3-element 40m beam, but those projects never got started.

Now, 22 years later, I had these X940 kits still in the original boxes in my garage. These elements are used in the Cushcraft XM240 2-element beam and D-40 dipole. They could easily be converted to a 30m dipole saving me \$400-\$600 for a 30m dipole or \$1,200-\$1,500 for a 2-element 30m beam.

With a near 40ft overall length, I thought I could easily remove the loading coil and make a full half-wave dipole. While going through the model, I noticed that removing the loading coil and leaving the capacitive hats in-place the antenna would be resonant just below the 30m band. All I would have to do is shorten the element tips to be resonant at 10.125 MHz. With that realization, it was an easy task to remove the loading coils, and replace them with a length of aluminum tubing. I decided to press on with the modification.

I assembled the dipole, and per my EZNEC model. As a test, I shorted across the loading coil, shortened the element tips, and with the antenna at a height of 40 inches, it was resonant at 9.95 MHz. That was a little lower than I was expecting, but when it is elevated to 61ft, the resonance will raise in frequency.

The first test with the antenna on top of my 39 ft lift resulted in a resonance at 10.120 MHz. On the air tests showed the dipole was working fairly well. I made three fast contacts with a VE5 and an N1 station, and then with a JA station long path. That was enough testing to convince me the antenna was working. I will mount it between and parallel to the booms of my 7-element M2 6m beam and the 6BA-JK HF antenna with about 6ft spacing above and below it.



For Sale

For Sale (N6WS)

microHAM microKEYER I

Original version of microKEYER

No radio cable included (cables are available from microHAM)

Very good shape

\$25 plus shipping.

For Sale (K6FG)

King Conversions (www.qroking.com) SIX METER Heath SB-220.

Very clean. The amp will produce 1,500 watts out, but out of kindness to the 3-500Z grids, keep down to 1400 watts. Added features include Harbach inrush current limiting, silent full QSK break-in transmit/receive, alarm that sounds if amplifier left on and radio turned off. Non-smoker. \$1,500.

Alpha 9500 HF amplifier

Clean. All current Alpha upgrades (power transformer, blower, hall effect sensor, etc.). Amplifier is capable of producing power substantially in excess of legal limit. Includes new spare, just-tested 8877 final tube. Non-smoker. \$4,000.

Mark, K6FG.

Tower and Antenna for the Taking (N6DKP)

My name is Marcia Harper. I'm writing for my husband, Ray Harper, N6DKP, who is bedridden in home hospice care. He wishes to give his antenna and tower away to any ham who would like it as long as they would remove it.

NN6K Estate (WB6FWS)

Danny, WB6FWS is managing the ham equipment from the estate of Les Nuhn, NN6K. Below is a list of items for sale. You can contact Danny directly at (619) 987-8587

RADIOS

ICOM 7800 SR# 201139 (1 each) Asking \$3000

ICOM 775DSP Extra filters (1 each) \$1275 firm

ELAD FDM-DUO (new) (1 each) \$700 firm

Kenwood TS-440s (1 each) Asking \$200

Kenwood TS-430s (1 each) Asking \$175

AMPS

HENRY 5K CLASSIC (1 each) Asking \$2500

HENRY SS500 DC (1 each) Asking \$600 Includes PS50 Pwr Sply

ALPHA "8410" (1 each) \$3000 FIRM

ALPHA "77" (1 each) Plus **EIMAC Tube "8877" " NEW** Asking \$2175

ALPHA "76A" (1 each) Plus **EIMAC Tube "8874" USED (3)** Asking \$1575

DENTRON MLA-2500 (1 each) Plus **EIMAC Tube "8875" NEW (2)** Asking \$875

TUNERS

DRAKE MN2700 Tuner (2 each) 1 new negotiable make offer
B&W vs300a Tuner (1 each) negotiable make offer
LDG AT1000 Auto Tuner (1 each) negotiable make offer

ANTENNAS

M2 20M4 DX (20 Beam) **New** (1 each) (\$1300) price new – make offer
M2 40M2L (40 Beam) **New** (1 each) (\$2100) price new – make offer
FORCE 12 Delta 4 Element 30&40 Mtr YAGI (NOS) (1 each) \$1500 EST. - make offer
Traffie Hex Beam (Used) (1 each) \$200

COAX/CABLE

RG8 Coax 1000 ft Spool negotiable make offer
RG8/U 1000 ft Spool negotiable make offer
RG213/U 1000 ft Spool negotiable make offer
RG8x 1000 ft Spool negotiable make offer
RG213/U Partial 50-100ft negotiable make offer
Speaker Wire Huge spool 3000ft? negotiable make offer
No.6 3/16" solid braid poly 500 ft spool (3 each) negotiable make offer

ROTORS

Orion Rotor (1 each) \$1800 new make offer
Orion Controller with manual (1 each) \$200 new make offer

POWER SUPPLIES

Kenwood PS-50 Power Supply (1) negotiable make offer
TrippLite Power Supply 3A (1) negotiable make offer
MFJ-4125 25 amp Power Sup (1) negotiable make offer

MISC

Viking RF PWR Monitor (1) negotiable make offer
AMECO Pre-Amp Model PT3 (1) negotiable make offer
ONO 0-9000 Communications Terminal (1) negotiable make offer
Kantronics VHF Controller00 (1) negotiable make offer FOR SALE

MISC

Viking RF PWR Monitor (1) negotiable make offer
AMECO Pre-Amp Model PT3 (1) negotiable make offer
ONO 0-9000 Communications Terminal (1) negotiable make offer
Kantronics VHF Controller00 (1) negotiable make offer

MISC DX**WX0B Stack Match Array Solutions**

Switch Box & Controllers (**3 sets**) negotiable make offer

DX Engineering

Upper/Lower/Stack Controller (1) negotiable make offer

TOWERS

Tri-Ex WT-51 (50ft) plus new winch \$200
Tower is on the ground ready for pick up
"Glen Martin" Aluminum Tower (Roof mount) (2) \$200 each
Free standing maybe 20 ft 1 in box, different. 1 assembled

Tid Bits

The Future of Expert SDR (W6HB)

[Future of ExpertSDR - YouTube](#)

1988 SCDXC Christmas Party (N0FW)

Last month we put up the picture of the 1988 Christmas Party. Thanks to Irene Brown and Pete Meyers we have identify most of the attendees. Can you identify the rest?



SO3R (N6WS)

Bill found this link to a Russian operating 3 stations simultaneously during an IARU HF Championship.

[R2AA IARU HF Championship 2020 - Multi-radio-operation](#)

Resource Page

Useful DX Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditions/

DX 425 News
www.425dxn.org/dxped/

Dx-info.de
www.dx-info.de

DX Italia DX News

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

Club and Conduct Sites

Officer Guidelines

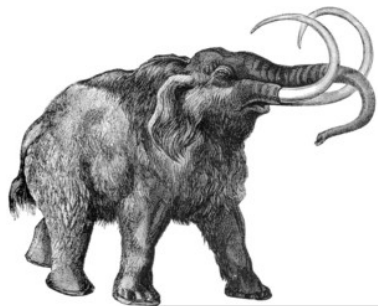
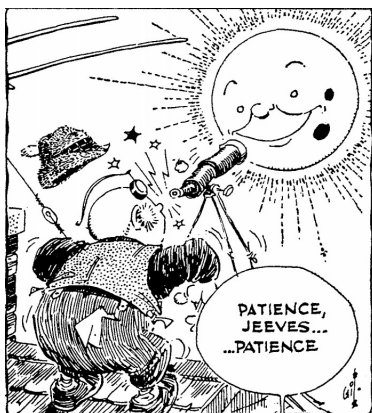
http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

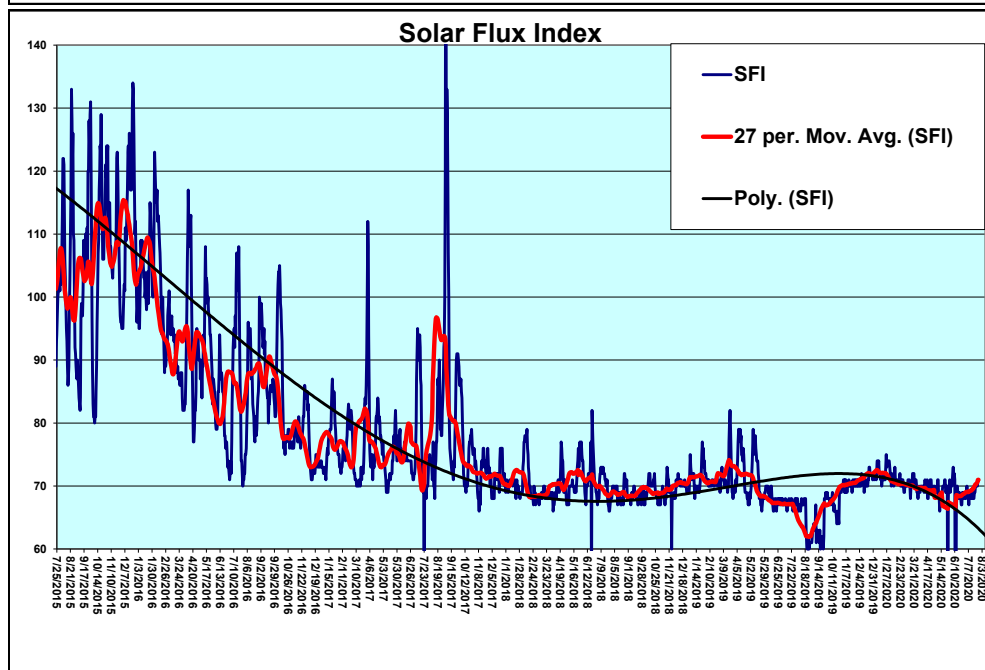
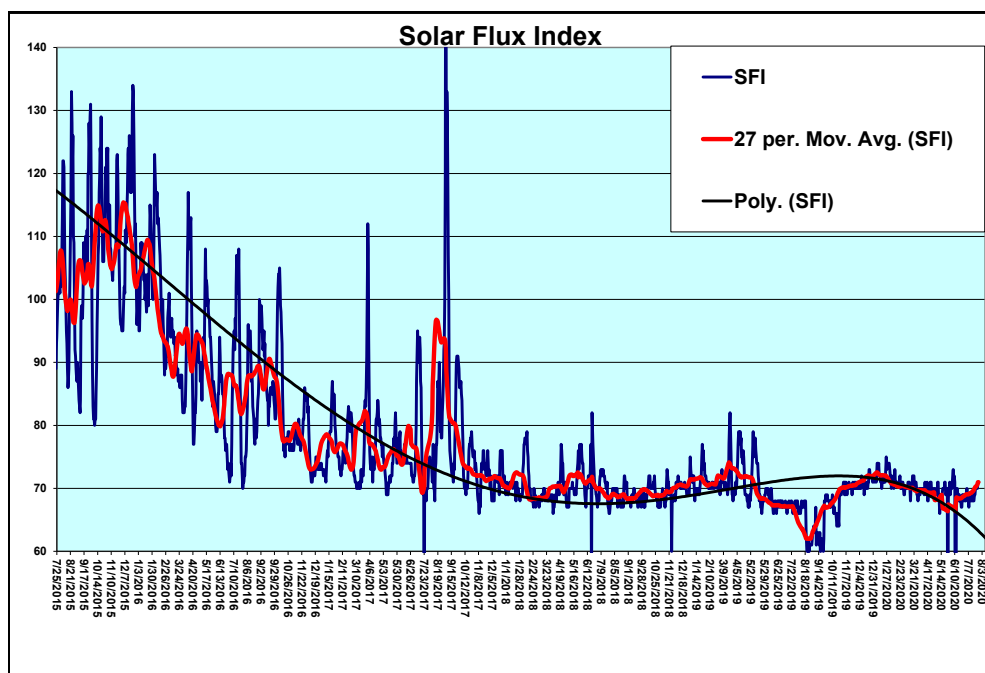
<http://www.dx-code.org/>

Propagation

We are right in the middle of a period of sunspots. This has happened a few times before. Hopefully this will perpetuate!



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San Diego	sd@hamradio.com	1-858-560-4900	1-800-854-6046	1-858-560-1705

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